

Preliminary Assessment Report

Project 3019132, 1000 6TH AVE S

Assessment Completed: 4/22/2015

Project Description: EDG/SEPA - To construct two office buildings between 6 and 9 stories totaling roughly 327,000 square feet of office and 43,000 square feet of retail. Parking will be provided for 370 spaces below grade. Existing structures to be demolished

Primary Applicant: [Jon O'hare](#)

This report lists the results of a preliminary assessment of your project requirements by various city departments. It's based on the project characteristics described on your site plan and preliminary application form. If your project required a pre-application site visit (PASV), the results of that site visit are also included. The goal of this report is to help you create a complete submittal package and reduce the need for corrections once your application has been submitted.

Next Steps

1. Review the requirements in this report and contact the staff members listed below with questions.
2. If a street improvement plan is required, develop and submit it to the Seattle Department of Transportation (SDOT). **The Department of Planning and Development (DPD) will not accept your permit application until your street improvement plan is approved as 60% complete by SDOT. See [SDOT Client Assistance Memo 2213](#) for guidance about the 60% complete approval process.**
3. Schedule an appointment for permit application intake with DPD. **Please bring a copy of this report to your intake appointment.**

Questions About This Report

If you have questions about the information in this report, contact the appropriate city staff member for each section.

DPD Drainage Requirements

Matthew Bateman, (206) 615-1229, Matthew.Bateman@Seattle.gov

DPD Land Use Requirements

Naomi Henry, (206) 684-0711, naomi.henry@seattle.gov

DPD Preapplication Site Visit Requirements

Douglas Thresher, (206) 233-3875, Douglas.Thresher@seattle.gov

Seattle City Light Requirements

Ray Ramos, (206) 615-1193, ray.ramos@seattle.gov

Seattle Department of Transportation Requirements

Christina Legazpi, (206) 684-5279, christina.legazpi@seattle.gov

Seattle Public Utilities Requirements

Jim Mahady, (206) 684-5950

Water Availability

SPU Staff, (206) 684-3333, SPUWaterAvailability@Seattle.Gov

Other Resources

- General questions about the permit process: Contact the DPD Applicant Services Center (ASC) at 206-684-8850.
- User-friendly guides to city permitting processes: [DPD](#) and [SDOT](#).
- [Detailed zoning information](#).
- Visit our [permit type pages](#) for step-by-step instructions and forms for preparing your application and plans for review.

Requirements

DPD Drainage Requirements

The following requirements are based on the current stormwater and side sewer codes.

Existing Public Drainage Infrastructure

Combined sewer main location: Onsite (Crossing north property diagonally) / 6th Ave S / Airport Way S

Combined sewer main size: 15" / 18", 30" / 12"

Drainage

The drainage point of discharge (SMC 22.805.020) is located at: Combined sewer.

Wastewater

A build-over agreement will be required with SPU for this project. See [Tip 507, Side Sewer Permits for Build-Over Agreements](#), for instructions on applying for a build-over review.

New easements or relinquishing existing easements requires City Council action prior to building permit approval, and may take up to 18 months. Revisions to existing easements are sometimes required for Construction Permits.

Permanent and Temporary Dewatering

The footing drain (if part of building plan) point of discharge ([DPD DR 4-2011](#)) is located at the following: Combined system.

DPD Land Use Code Requirements

Street Requirements

Based on the scope of the proposed project, the following street improvements are required per Chapter 23.53 of the Seattle Municipal Code. Please review Right-of-Way Improvements Manual for design criteria (<http://www.seattle.gov/transportation/rowmanual/manual/>). Show required street improvements on your "enhanced site plan" at DPD permit application intake. If an SDOT Street Improvement Plan (SIP) is required, please list SDOT project number and SDOT contact name on the enhanced site plan. Street Improvement Plans must be accepted by SDOT prior to DPD permit application intake.

6TH AVE S

A concrete sidewalk will be required to be installed in the portion of right-of-way abutting this lot.

Pedestrian access walkway will be required to be installed in the portion of right-of-way abutting this lot.

Drainage may be required to be installed in the portion of right-of-way abutting this lot. Please contact SDOT for more information.

Landscaping is required to be installed in the planting strip. Contact SDOT Urban Forestry to determine species of landscaping and standards of planting. For residential projects, call (206) 684-TREE; for all others, call (206) 684-5693. Please add a note to the site plan showing size, location and species of shrubs and groundcover to be planted.

Existing curbcuts that will no longer be used are required to be removed, and the curblin installed, per SDOT standards.

S ROYAL BROUGHAM WAY

Street trees shall be provided in the planting strip according to Seattle Department of Transportation Tree Planting Standards. Contact SDOT Urban Forestry (for residential projects: (206) 684-TREE; for all others: (206) 684-5693), to determine species of tree and standards of planting. Please add a note to the site plan showing size, location and species of tree to be planted.

<http://www.seattle.gov/transportation/treeplanting.htm>.

AIRPORT WAY S

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Existing curbcuts that will no longer be used are required to be removed, and the curblines reinstalled, per SDOT standards.

Pre-Application Site Visit (PASV) Requirements

PASV report requirements may be subject to additions, changes, or modifications by the department. The purpose of the report is to alert the applicant that there may be unusual or complex site conditions that trigger requirements from the department regarding this project. **The applicant is responsible for providing all required documents at the intake appointment.** If you have questions about this report or the PASV process, please contact the DPD Site Development Team at (206) 684-8860.

Note: Any project application associated with the development site can utilize the results from this PASV if the application is accepted by DPD within 24 months of the above inspection date. After 24 months, the applicant must apply for another PASV. No extensions will be granted.

ECA Mapping Unit and Type

This project site appears to include the following ECAs and/or buffers:

Steep slope

Earth Disturbance

If excavation has the potential to encroach on adjacent property in order to facilitate construction activity, please provide documentation of consent from the adjacent property owner. Show area of proposed encroachment on the submitted drawings and detailed cross-sections.

If temporary cuts greater than 1h:1v will be required in order to facilitate construction activity, please provide a geotechnical engineer's verification that soil conditions allow cuts to stand unsupported. Include detailed cross sections.

Please show all existing and proposed retaining walls/rockeries and the exposed height.

If shoring will be required, please provide submittals by geotechnical and structural engineers and show the proposed system on the submitted drawings. Include detailed cross sections.

Existing ROW Conditions

6TH AVE S

Street conditions:

Asphalt paving

Curb conditions:

No curb adjacent to site

S ROYAL BROUGHAM WAY

Street conditions:

Asphalt paving

Curb conditions:

Curb adjacent to site

Approximate curb height: 5" inches

A storm inlet is located <350 ft from the site and prior to crossing a public right of way.

It appears that drainage from that discharge point will remain in the gutter line all the way to the nearest inlet structure, but this assessment is preliminary and it is the responsibility of the applicant to meet all relevant SW code requirements.

AIRPORT WAY S

Street conditions:

Concrete paving

Curb conditions:

Curb adjacent to site

Concrete

Approximate curb height: 5" inches

A storm inlet is located <350 ft from the site and prior to crossing a public right of way.

It appears that drainage from that discharge point will remain in the gutter line all the way to the nearest inlet structure, but this assessment is preliminary and it is the responsibility of the applicant to meet all relevant SW code requirements.

Potential Impacts to Seattle Parks Property

No parks property in vicinity

Tree Protection

Existing trees appear to be shown accurately on the site plan

Construction Stormwater Control

All projects with earth disturbance, regardless of size, require temporary and permanent stormwater control in accordance with the Construction Stormwater Control (CSC) Technical Requirements Manual ([DR 16-2009, Volume 2](#)).

Show the following on the [Construction Stormwater Control and Soil Amendment Standard Plan](#):

Place compost socks, compost berms, filter fabric fencing, straw bales, straw wattles, or other approved perimeter control BMPs to eliminate construction stormwater runoff.

Show the location of a stabilized construction access to the site; show methods to eliminate uncontrolled conveyance of mud and dirt into the right of way (ROW).

Place silt-trapping inserts in receiving catch basins located within 10 feet of construction entrance.

Cover bare soil with compost blankets, straw, mulch, matting, or other approved equal to control construction stormwater runoff.

Cover stockpiles and bare slopes with compost blankets, tarps, matting or other approved equal to control construction stormwater runoff.

A First Ground Disturbance inspection is required before any ground disturbance related to this permit, including demolition, tree cutting, clearing, grubbing, and grading. After your permit is issued, schedule an inspection by calling (206) 684-8900 or [online](#) at <http://web1.seattle.gov/DPD/InspectionRequest/default.aspx>.

Standard Submittal Requirements for Projects in an ECA

Submit a geotechnical report with the permit intake submittal package. Geotechnical report must be signed and stamped by a geotechnical engineer licensed in the State of Washington per [SMC 22.170.070](#), [SMC 25.09](#), and [Directors Rule \(DR\) 18-2011](#).

Provide a topographic survey with 2-foot contours on and within 25-feet of the property, stamped by a licensed land surveyor (see [25.09.330A](#))

Delineate the clearing limits on the site plan

Provide a vegetation restoration plan per SMC [25.09.320](#), [Tip 331](#) and [Tip 331A](#). **Prior to any vegetation removal in the critical area, review, approval, and a preconstruction meeting is required**

Delineate the steep slope critical area on a site plan based on the survey (per SMC 25.09.020 A3b(5)).

Provide area calculations for the steep slope delineation.

Show the steep slope buffer. Generally, the buffer is 15-feet from the top and/or toe of the slope

Construction activity area appears to be within the steep slope critical area and/or its associated buffer. A steep slope variance may be required (see SMC 25.09.180E.1)

An ECA pre-submittal conference is strongly recommended. Call the Applicant Services Center (206-684-8850) to schedule an appointment

Seattle City Light Requirements

Street/Alley Requirements

6TH AVE S

Clearance from Structures: 10-ft horizontal clearance is required between power lines and any part of the permanent structure. Vertically, 12.5 to 13.5 feet is required depending on access to pedestrians. Additional clearance is highly recommended to account for future building maintenance. Review DPD TIP 122, Electric Utility Clearance Requirements, and SCL Construction Guideline D2-3 (<http://www.seattle.gov/Light/engstd/Docs/ConStd/d23.pdf>). Transmission lines require greater clearance. Changes to SCL's system to meet clearances are done at the project's expense. There are overhead high voltage lines along 6th Ave S.

Working Clearance: State law requires construction workers, their tools, machinery, equipment, and materials to maintain a 10-foot clearance from power lines. Review WAC 296-24-960 and OSHA 1910.333(c)(3)(i).

Transmission lines require greater clearance. To work near power lines, notify SCL well in advance to de-energize and ground the lines, or relocate the lines temporarily. This SCL work is done at the project's expense. There are overhead high voltage lines along 6th Ave S.

An SCL engineer will require scaled building elevation drawings to determine clearances. Please submit an extra set of plans at DPD intake.

Underground electrical facilities/conductors require separation from other utilities. Review City Light Construction Standard 0214.00, Clearances Between SCL Underground Structures and Other Utility Structures in the Public Right-of-Way (<http://www.seattle.gov/Light/engstd/>). Before digging, contact the Utilities Underground Location Center ("one-call") at (800) 424-5555 two business days in advance to locate and mark underground utilities, per state law (RCW 19.122). There are underground high voltage lines and electrical facilities along 6th Ave S.

Based on our assessment of the size of your project, you may need transformers on your private property for power service to your building. This can be done with vaults inside the building, below-grade vaults, or above-grade pads exterior to the building. Include these facilities for your project power needs in your building plans. SCL has access, clearance, size and location requirements for vaults. Some transformers require long lead times to obtain. Contact SCL well in advance to provide electrical service size and voltage details.

S ROYAL BROUGHAM WAY

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AIRPORT WAY S

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Conservation

Energy Smart Services. Seattle City Light offers energy conservation grants for large new construction projects designed to exceed the energy efficiency requirements of the Seattle Energy Code. Contact Seattle City Light early in the design process to receive free energy analyses and funding estimates by utility staff, and funding for whole-building energy analysis by private sector consultants. The program is win-win. Tenants and buyers are attracted by reduced operating costs, while the project developers benefit from additional LEED points and grants to help offset increases in construction costs. The utility meets load growth through an investment that is less expensive than building new generating facilities. Designers are better able to promote the economics of cutting edge designs. Call (206) 684-3254 today to take advantage of this opportunity.

Notes to Applicant

For new service, please contact the Electrical Service Engineer for your area several months before new service is required to determine your electric service design, service location and what kind of service is available at the building site. An Application for Electrical Service must be submitted to Seattle City Light. The Electrical Service Engineer should also be contacted to coordinate electrical disconnections prior to demolition and temporary power for construction. Your Electrical Service Engineer is: Ben Rushwald, 206-733-9830, benjamin.rushwald@seattle.gov. Be advised that it is the applicant's responsibility to seek guidance from SCL. Failure to contact SCL early in the permit process could severely impact your project's scope, schedule and budget. This responsibility rests solely with the applicant.

Other Requirements

- Additional Working Clearance Requirements: For cranes and derricks working near 26kV power lines, the OSHA standard is 20 feet clearance from power lines.

SDOT Requirements

The City of Seattle's Right-of-Way Improvements Manual (ROWIM) and SDOT's Street & Sidewalk Pavement Opening and Restoration (PORR) Director's Rule 2004-02 may be accessed from SDOT's Street Use website at: http://www.seattle.gov/transportation/stuse_docs.htm. Whenever possible, specific reference notation for these two design documents is noted next to the design characteristics below. Be advised that these specific section and chapter references are provided as preliminary guidance only and are not comprehensive in scope.

SDOT Permitting Information

Initial Review Deposit: \$2,500

SDOT Plan Requirements: Engineered plan

SDOT Permit Requirements: Group 3: Street Use Major (Type 45). A 60% complete street improvement plan (SIP) must be approved by SDOT prior to your DPD construction intake appointment. SIP Design Guidance is required for 60% complete SIP approval; apply early. Please visit SDOT's Street Use website at: http://www.seattle.gov/transportation/stuse_sip.htm to obtain SDOT Client Assistance Memos (CAMs) and application materials to assist in developing your street improvement plan (SIP).

All private encroachments in the public right-of-way (ROW) require a 30-day permit that is renewed annually.

Street Improvement Requirements

6TH AVE S

Tree planting. See Seattle Right of Way Improvements Manual (ROWIM) and City of Seattle Standard Plans 030, 100 and 424. Contact SDOT Urban Forestry for residential projects at (206) 684-TREE; for all others at (206) 684-5693 for approval of species and placement.

Roadway Widening: See Seattle Right of Way Improvements Manual (ROWIM) and the City's Standard Plans and Specifications.

All improvements on private property must accommodate the right of way elevation at the property line using the standard cross-section in the ROWIM. Right of way grading may be required to provide vehicular and pedestrian access that meets the standard cross-section.

New/replacement sidewalk: See Seattle Right of Way Improvements Manual (ROWIM) as well as the City of Seattle Standard Plan 420, 421 and 422.

New/Replacement Curb: See Seattle Right of Way Improvements Manual (ROWIM) and the City of Seattle Standard Plan 410.

New/replacement driveway: If there is a concrete curb in front of the project, the Street Use curb cut permit is issued by DPD. If there is not a concrete curb in front of the project, a Group 2 Street Use permit must be issued by Street Use. Refer to Standard Plan 430 for driveway curb cut standards.

New/replacement curb ramps: See City's Standard Plans 422 and the current ADA requirements.

New/replacement corner curb radius: See Seattle Right of Way Improvements Manual (ROWIM).

Street drainage collection may be required when street improvements are installed. See Seattle Right of Way Improvements Manual (ROWIM) section 4.17.

S ROYAL BROUGHAM WAY

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All improvements on private property must accommodate the right of way elevation at the property line using the standard cross-section in the ROWIM. Right of way grading may be required to provide vehicular and pedestrian access that meets the standard cross-section.

New/replacement sidewalk: See Seattle Right of Way Improvements Manual (ROWIM) as well as the City of Seattle Standard Plan 420, 421 and 422. Restore and replace as needed.

New/Replacement Curb: See Seattle Right of Way Improvements Manual (ROWIM) and the City of Seattle Standard Plan 410. Restore and replace as needed.

New/replacement curb ramps: See City's Standard Plans 422 and the current ADA requirements.

New/replacement corner curb radius: See Seattle Right of Way Improvements Manual (ROWIM).

AIRPORT WAY S

Tree protection: Removal of trees in the public right-of-way (ROW) is prohibited. Projects must be designed to accommodate existing trees in the ROW. Exceptions to this policy require review and approval by SDOT Urban Forestry. For residential projects, call (206) 684-TREE; for all other projects, call (206) 684-5693. Contact SDOT Urban Forestry immediately if you are proposing to remove street trees. If an exception from street tree removal is not granted, the project will need to be redesigned to preserve street trees.

Tree planting. See Seattle Right of Way Improvements Manual (ROWIM) and City of Seattle Standard Plans 030, 100 and 424. Contact SDOT Urban Forestry for residential projects at (206) 684-TREE; for all others at (206) 684-5693 for approval of species and placement.

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New/replacement curb ramps: See City's Standard Plans 422 and the current ADA requirements.

New/replacement corner curb radius: See Seattle Right of Way Improvements Manual (ROWIM).

Discretionary ROW Improvements

Required/proposed traffic channelization revisions: See Seattle Right of Way Improvements Manual (ROWIM) sections 4.12 and 4.23.

Street Lighting, Pedestrian Lighting, and Traffic Signal revisions: See ROWIM Chapter 4.

Utilities such as poles, utility vaults, and fire hydrants may need to be relocated to accommodate your required street improvements. See Right of Way Improvement Manual (ROWIM) section 4.20 for clearance requirements.

Other requirements: Any work on or just off of S Royal Brougham, with the Freeway ROW, will be subject to WSDOT review and permitting.

SPU Requirements

Flow Control Compliance

All new, replaced, and disturbed topsoil shall be amended with organic matter per rules promulgated by the Director prior to completion of the project to improve onsite management of drainage water flow and water quality per SMC 22.805.020.E. For projects with 5,000 square feet or more of new and replaced impervious surface, a comprehensive drainage control plan shall be prepared by a licensed engineer.

All trail and sidewalk projects shall implement green stormwater infrastructure to the maximum extent feasible per SMC 22.805.030. Refer to DR SF-MEF and CAM 501. Table 4.6

Water Availability

Your water availability assessment has been approved.
Water Availability Certificate reference number: 20150640
Water Availability Certificate status: Approved with No Changes
Prepared by: Christopher J Gray

Existing Water System Information

Proximity of nearest fire hydrant is: 393 feet S of property. Meets standards.

Water Main:
Size: 16 inches Material: Cast Iron Class: B
- Standard
- Abutting
Water Main is available to serve in: 6th Avenue S
Distance of main to W margin of street is 39 feet.
Public ROW width is 100 feet.
Water Service(s):
Size: 3/4" Material: Copper
Size: 1" Material: Copper

| | |
|------------|------------------|
| Size: 3/4" | Material: Copper |
| Size: 3/4" | Material: Copper |
| Size: 2" | Material: Copper |
| Size: 3/4" | Material: Copper |
| Size: 3/4" | Material: Copper |
| Size: 1" | Material: Copper |

Additional Drainage and Wastewater Information

SPU needs an easement for the 15-in combined sewer crossing the northern portion of the site, and a build over review (already noted in DPD drainage review).

Other Requirements

Owners of residential property occupied by a tenant who will be displaced by housing demolition, substantial rehabilitation, change of use, or removal of use restrictions may need to obtain a Tenant Relocation License. Refer to DPD Tip 123, Seattle's Tenant Relocation Assistance Ordinance, for further information and instructions or call (206) 684-7979.

If your project involves additions or modification to or demolition of an existing building that contains four or more dwelling units or 4,000 square feet or more of non-residential area, and the building is a designated historic landmark or is 50 years old and meets the criteria set forth in SMC 25.12 for landmark designation, SEPA is required. Please contact the Department of Neighborhoods at (206) 684-0228 or www.seattle.gov/neighborhoods/preservation to determine if your building is a designated landmark or if a referral is necessary to determine if the building meets the criteria in SMC 25.12. Refer to Tip 208 for information regarding the application requirements for a SEPA review and Tip 3000 for information regarding landmarks and historic preservation.

If the scope of your proposed project changes before your DPD intake appointment or SDOT street improvement plan application, the requirements in this report may change. If there are municipal code and ordinance changes before our DPD intake appointment, the project must meet the new code requirements. Additional street improvement requirements may be triggered if a permit application for a development project on adjacent property is also undergoing review.

Please be aware that all persons or companies working within the City limits, including all contractors, subcontractors, permit expeditors and other service providers are required to possess a valid City of Seattle business license. This license is required in addition to any other licenses required by the State of Washington, such as a contractors' license or state business license. For more information about City of Seattle business licenses, please contact inspector Michale Crooks at 206-684-8871, Michale.Crooks@seattle.gov, or visit the [Licensing and Tax Administration Division website](#).